

Page 1 of 1

All amounts are calculated in domestic currency.

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 **Tel. : 450 641-3330**

Shipping Order

27/03/2017

Order : 124048
Reference : 35683
Ship : PICK UP / PICK UP

Customer : 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
SF14124	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 FLA .250 X .500 5 X 12.25' HT;56900655	✓ 61.25	61.25	Ø
SSQT34340494	304 SQ TUBE .750 X .049 WALL 10 X 20' ***** HT;ake040273	✓ 200	200	Ø

SHIP JOURNEY
JP

SP1703-291

Shipping : _____

Package No : _____

Ref. : _____

Merchandise Received: _____

Shipping Order

13/03/2017

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel.: 450 641-3330

Order : 123638
Reference : 35538
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SF14124	304 FLA .250 X .500 15 X 12.25' ht: 56900555	183.75	183.75	φ
SSQT34340654	TUBE SS304 180 GRIT 3/4" X 3/4" X .065" 40 x 20' ** ht: V3Y9	800	800	φ

journey collect

jp

Shipping : C Fontaine TA #29
Package No :
Merchandise Received: _____

Ref. : _____

BOLLINGHAUS® STEEL Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458	Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: / Nr.: 0000119911					
	Unsere Innere Verweisung / Our int. Ref / N/ ref int 5600031581 000040		Datum / Date / Data 26.09.2016					
Normen / Standards / Normas TYPE 304/UNS S30400 and TYPE 304/UNS S30403 acc. to ASTM A479/A479M-16, A276/A276M-16a, SAE-AMS-QQ-S 7630, AMS5638H, AMS5647J, ASME SA479/SA479M, ASME SA278, ASTM A182/A182M-16a F304/304L, A193/A193M-16 CL 1Gr.B8, ASTM A314-15, ASTM A320/A320M-15a, DOD-F24069/6, ASME SA182/SA182M, ASME SA 193/SA193M, ASME SA320 CL 1Gr.B8, ASTM A262-15 Practice E, grain size as per ASTM E112, NACE MR 0175, Mercury free statement, not weld repair statement, contents of N, Co, Mo and Cu, in hot rolled, solution annealed, pickled, straightened execution as per ASTM A484/A484M-16.								
Kunde / Customer / Cliente		Endgültiger Kunde / Final Customer / Cliente Final						
Bestell Nr./Order Nr./Enc.Nr. C105024		Bestell Nr./Order Nr./Enc.Nr. C105024.01						
Produktgruppe / Product Group / Grupo Produto AISI 304/L FLAT 1/4 X 1/2"		Gewicht / Weight / Peso 1.059 lb		Bunde / Bundle / Atados 01				
Werkstoff-Nr. Material no. Qualidade 1.4307		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNi 18-9						
Beschreibung / Description / Descrição Stainless steel flat bars, hot rolled, solution annealed, straightened, pickled. US DFRAR 252 225-7009; MELT SOURCE: United Kingdom / MFG: Portugal.								
Chemische Analyse In % / Chemical composition In % / Análise química em %								
Gast Nr. / Furo no. 5600658	C	0.030	Si 0.228	Mn 1.830	P 0.030	S 0.026	Cr 16.100	Ni 8.100
Gast Nr. / Furo no. 5600658	Mo	0.430	Co 0.205	Cu 0.290	N 0.084	Ti 0.003	Nb 0.021	Al 0.005
Problem Nr. Test no. Amostra no. 4032519.01.01		ASTM E399 Kerbschlagarbeit Impact Test Resiliência (Charpy V) [J] 47.1		ASTM A170 Streckgrenze Yield point Tensão limite Rp 0.2 % 47.1 Dehngrenze 1% point Limite de extensão Rp 1.0 % 54.5 Zugfestigkeit Tensile strength Tensão de rotura Rm 93.5 Dehnung Elongation Alongamento A5 56.1 4D 59.3 Einschnürung Reduction of area Coef. Estricção Z 72.9				
Visuelle Kontrolle Visual inspection Inspeção visual <input checked="" type="checkbox"/> OK		ASTM E10 Härte Hardness Dureza 180 [HB]		ASTM A282 Practice E Korrosionsbeständigkeit IC Test Corrosão Interfatorial <input checked="" type="checkbox"/> OK		Wärmebehandlung Heat treatment Tratamento térmico Annealed Quenched 1900 °F (1050 °C) [water quenched]		
Maßkontrolle Dimensional inspection Inspeção dimensional <input checked="" type="checkbox"/> OK		ASTM E112 Korngröße Grain size Tamanho de grão 9		Werkstoffverständiger Quality Control Representative Inspetor da Qualidade N3058 Nuno Silva (Q-NS)				
Verwechslungsprüfung Test of identity Teste de identificação <input checked="" type="checkbox"/> OK		Makroskopische Untersuchung Macrographic test <input checked="" type="checkbox"/> OK						
Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.				Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.				

19447

PHOENIX TUBE COMPANY, INC.
Manufacturer of Stainless Ornamental and Structural Tubing

CERTIFICATION OF TEST

Sold To:

Ship To:

CUSTOMER ORDER#: C99761

CUST REF NBR:

DATE SHIPPED: 08/10/15

SIZE: 3/4SQ X 16 GA AW

SOURCE: USA D

VENDOR: NAS

Phone# 5492803

Ext:

ORDER#: 374205

QTY SHIPPED: 1000.0

GRADE: 304L

WELD: TIG

HEAT# V3Y9

TEST REPORT#: TR012598

Report Date: 05/21/15

Specification:

ASTM A554-15

T304L/304 DUAL CERTIFIED

NO WELD REPAIR

EN 10204 3.1

ASTM-A 240-15a

RAW MATERIAL SPEC.

RoHS COMPLIANT

NACE MR0175/01

MFG USING

ANNEALED AND PICKLED

PLATE, SHEET OR STRIP

MATERIAL IS FULL SOLUTION

ANNEALED, AND SHOWS NO

CONTINUOUS CARBIDE

PRECIPITATION.

MIN. SOLUTION ANNEAL TEMP

1900F WATER QUENCHED.

DFARS 252.225.7008

COMPLIANT

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY
OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.

Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.019	1.74	.033	.013	.28	18.20	8.10	.35	.39	NA	.09	NA

Physical Analysis

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 86	48690	NA	94530	NA	46	NA

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

THIS MATERIAL INCLUDING THE BILLETS, WAS
MELTED & MANUFACTURED IN THE USA. FAR BAA complies, DFARS BAA complies, FAR TAA complies

CERTIFIED BY Inventory Control Dept.



1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073

118721

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304TS0.750w.049

DATE: 17-03-29

PO / BATCH NO.: PO 35683/M 137172

MATERIAL CERT REC'D: \$ YES

QUANTITY RECEIVED: 10 x 20

QUANTITY INSPECTED: 108201

QUANTITY REJECTED: 0

THICKNESS ORDERED: 175x.75x.049

THICKNESS RECEIVED: 75x.75x.049

SHEET SIZE ORDERED: B

SHEET SIZE RECEIVED: 3

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT REF # TO LINK CERT	Y	N	
CORRECT MATERIAL IDENTIFICATION	Y	N	0379
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____ DATE: MAR 29 2017	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 304B0.250 X 0.500

PO / BATCH NO: PO 35683 / M137172

DATE: 17-03-29

MATERIAL CERT REC'D: ~~YES~~ YES

THICKNESS ORDERED: .250 X 0.500

QUANTITY RECEIVED: 5 X 12'

THICKNESS RECEIVED: .250 X 0.500

QUANTITY INSPECTED: 5 X 12'

SHEET SIZE ORDERED: 0

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	H: 569006.55
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 28</u> DATE: <u>MAR 29 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35683**

Purchase Order Date 3/23/2017

PO Print Date 3/23/2017

Page Number 1 of 3

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAR 23 2017

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304B0.250x0.500 ✓ MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE	304 BAR .250 x .500 ✓	3/29/2017 Yes 3/29/2017		60.00 f <i>rec'd 61.25</i>	\$4.25	\$255.00
Line Total:							\$255.00
2	M304TS0.750W.049 ✓ MATERIA: AISI 304/316 STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR AS PER ASTM A269 MILL FINISH	304 SQ Tube ✓ .75x.75x.049W	3/29/2017 Yes 3/29/2017		200.00 ✓ f <i>SPT 03-29</i>	\$3.80	\$760.00
Line Total:							\$760.00

Note:

3/23/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35683**

Purchase Order Date 3/23/2017

PO Print Date 3/23/2017

Page Number 2 of 3

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	M174PH-H900R0.750	17-4 SS H900 ROUND BAR 0.750"	4/6/2017	12.00	\$68.90	\$826.80
			Yes	f		
			4/6/2017			

MATERIAL: 17-4 PH COND. H900

AS PER AMS 5643

NOTE: METAUX SOLUTION WILL SEND MATERIAL TO METCOR TO HEAT TREAT H900

FINISH:

HEAT TREAT TO COND H900

FTY IN EXCESS OF 170KSI

FTU IN EXCESS OF 190KSI

PER AMS2759/3

DETAIL C OF C REQUIRED

Line Total: \$826.80

4	71401-45	PROCUREMENT QUALITY CLAUSES	3/29/2017	1.00	\$0.00	\$0.00
---	----------	--------------------------------	-----------	------	--------	--------

No

3/29/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Note:

3/23/2017

8217-03-29



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35683**

Purchase Order Date 3/23/2017

PO Print Date 3/23/2017

Page Number 3 of 3

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 558 8858

Ship To Contact

Ship To Phone

Ship Via:

Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Total: \$0.00

PO Total: \$1,841.80

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 3/23/2017